

**Clelia 612**

Pilot: Tim Askew

Obs 1: John Brooks

Obs 2: Sandra Brooke

Date: 09/01/01

Visibility: 30'

Depth range: 190-255'

Time: 11:19-13:31

**Sebastian 612**

**Objectives:** Filming, Reef blocks and Transects

**General Habitat:** Small to medium rolling pinnacles/dunes of very broken down dead Oculina rubble and sand. Sea whips and Gorgonians were scattered about. Some small isolated intact dead Oculina heads were seen. These heads were of higher relief than most of surrounding area and had possible live Oculina scattered about. High relief rock nodule zone was seen near the end of the dive (45 min. before end).

**Invertebrates:**

- Brittle stars (Ophiuroidea) and a few sea stars (Asteroidea) scattered
- Long spined black urchins (Diadematidae) and pencil urchins (Eucidaris) frequent
- Encrusting sponge growth (Demospongiae)

**Human Impact:**

- one old bottle
- a few tracks seen over bottom

**Fish:**

- Fish were few and sparse over the sand/rubble zones. Most aggregated on the rock nodule/intact coral zone.
- The reef blocks seen were for reef restoration. They were in dead coral rubble zones. No live Oculina was seen growing on them, but they were being utilized as fish habitat. Each had 5-10 fish associated with it. The only red grouper seen on this dive were inhabiting the reef block area.
- *Seriola dumerili* follow sub

**Commercially Important Species**

\*Only 2 *Epinephelus morio* around reef blocks

\*Only 2 *Mycteroperca phenax* seen by rock nodule fields

**Other Species Observed**

	Acanthurus sp.		Equetus lanceolatus		Paralichthys sp.
A	Anthiinae		Equetus sp.		Plectranthias garrupellus

	Acanthurus sp.		Equetus lanceolatus		Paralichthys sp.
A	Anthiinae		Equetus sp.		Plectranthias garrupellus
	Apogon sp		Equetus umbrosus		Plectrypops retrospinus
S	Bodianus pulchellus		Equetus iwamotoi		Pomacetrus sp.
	Centropristis ocyurus		Gymnothorax moringa		Priacanthus arenatus
	Centropristis striata	F	Halichores bathyphilus	F	Pristigenys alta
	Centropristis fuscula		Halichores sp		Rypticus maculatus
F	Chaetodon aya		Hemanthias vivanus		Scorpaena
	Chaetodon ocellatus	F	Holacanthus bermudensis		Serranus annularis
F	Chaetodon sedentarias		Holacanthus ciliaris	M	Serranus phoebe
F	Chaetodon sp.	M	Holanthias martinicensis	M	Seriola dumerili
	Chromis cyanea		Holocentrus adscensionis	F	Seriola rivoliana
M	Chromis enchrysurus		Holocentrus sp.	F	Synodus sp
	Chromis scotti		Labridae		Callionymidae
F	Decodon puellaris		Liopropoma eukrines		Canthigaster urosticta
	Diplectrum formosum		Ogcocephalus sp.		

### Good shots:

3chip1:

1. 00:00:42 Tape time..... Reef block (Oculina restoration) #1 out of 3; no live coral seen; small reef species seen such as Rough Tongue Bass (H. martinicensis) and Red Grouper\* photo good to use here

612-1.mpg

612-1.jpg

2. 00:07:02 ... Common shot of what the bottom looked like for most of dive; sand with very broken down dead Oculina rubble/cobbles; sea whips present and gorgonians scattered around

612-2.mpg

612-2.jpg

3. 00:10:59 tape time .... around 11:38RT

Block #3- broken up reef-blocks with good amount of life associated with them.

2 Blue Angelfish, Bank Butterflyfish, and Tattler

612-3.mpg

612-3.jpg

4. 01:00:08 .....prob around 12:31 RT

Scamp in rock nodule zone, large bolder about 3-4' high relief, 5-6" across maybe;  
sand/rubble bottom, few other fish associated with the area

612-4.mpg

612-4.jpg